INTERNATIONAL SEARCH REPORT



A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H01F38/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 H01F H01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUME	NTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to daim No.	
X	US 4 303 902 A (LESSTER LABAN E ET AL) 1 December 1981 (1981-12-01) abstract column 3, line 39 - column 6, line 39; figures 4-8	1-3,11, 17-22	
X	US 6 476 520 B1 (LANG RAINER ET AL) 5 November 2002 (2002-11-05) abstract column 5, lines 1-48 column 6, line 66 - column 7, line 58 column 9, lines 41-59; figures 1,3	1-3, 17-20	
X	US 4 144 485 A (AKITA SIGEYUKI) 13 March 1979 (1979-03-13) abstract column 1, line 64 - column 2, line 36 column 3, lines 1-13; figures 1-4,7	1-3	
X Furt	ner documents are listed in the continuation of box C.	in annex.	
"A" docume	tegories of cited documents: "T" later document published after the Into or priority date and not in conflict with cited to be of particular relevance invention "X" later document published after the Into or priority date and not in conflict with cited to understand the principle or the invention "X" document of particular relevance; the	the application but eory underlying the	

Special categories of cited documents: A' document defining the general state of the art which is not considered to be of particular relevance E' earlier document but published on or after the international filling date L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O' document referring to an oral disclosure, use, exhibition or other means P' document published prior to the international filling date but later than the priority date claimed	 *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular retevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report
19 October 2004	27/10/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer
NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Kardinal, I



		T/EP2004/051400				
	C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT					
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.				
X	EP 0 394 714 A (TEXAS INSTRUMENTS DEUTSCHLAND) 31 October 1990 (1990-10-31) abstract	1-3, 17-19				
Y	column 5, line 14 - column 6, line 15; figures 1-3	9-11, 13-15				
Y	US 4 876 535 A (BALLMER HORST ET AL) 24 October 1989 (1989-10-24) abstract column 1, lines 20-40 column 2, line 35 - column 3, line 11 column 4, line 13 - column 5, line 15; figures 1,5,6	9,10				
Y	US 6 319 031 B1 (GREENSTEIN ALAN) 20 November 2001 (2001-11-20) abstract column 5, line 62 - column 6, line 11; figures 1,3	11				
Y	EP 1 077 511 A (SUMITOMO WIRING SYSTEMS) 21 February 2001 (2001-02-21) abstract; figures 1-9	13–15				
A	DE 196 21 003 A (VOGT ELECTRONIC AG) 27 November 1997 (1997-11-27) abstract column 1, lines 32-58 column 4, line 42 - column 5, line 17; figures 11,12	7,8				
Α	PEDDER D A G ET AL: "A CONTACTLESS ELECTRICAL ENERGY TRANSMISSION SYSTEM" IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS, IEEE INC. NEW YORK, US, vol. 46, no. 1, February 1999 (1999-02), pages 23-30, XP000831926 ISSN: 0278-0046 abstract page 27, left-hand column, paragraph 2 - page 30, left-hand column, paragraph 1	1,20-22				
A	US 5 626 491 A (HASIRCOGLU ALEXANDER W) 6 May 1997 (1997-05-06) abstract; figures 1,4,5	16				

MILLINATIONAL SEATION DEFONT

Information on patent family members

International Application No
F/EP2004/051400

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 4303902	Α	01-12-1981	GB	1366134 A	11-09-1974
_			CA	1122666 A1	27-04-1982
			CA	1177206 A1	06-11-1984
			DE	3032320 A1	10-09-1981
			DE	3222458 A1	20-01-1983
			FR	2464544 A1	06-03-1981
			FR	2507884 A1	24-12-1982
			GB	2058475 A ,B	08-04-1981
			GB	2100592 A ,B	06-01-1983
			ĴΡ	58001430 A	06-01-1983
			JP	56036112 A	09-04-1981
			NL	8202136 A	17-01-1983
			SE	8103840 A	19-12-1982
			ÜŞ	4419783 A	13-12-1983
			ES	8304786 A1	16-06-1983
					10-00-196
US 6476520	B1	05-11-2002	DE	19719730 C1	22-10-1998
			AT	204685 T	15-09-2001
			DE	59801258 D1	27-09-2001
			WO	9852172 A2	19-11-1998
			EP	0980603 A2	23-02-2000
			JP	3137341 B2	19-02-2001
			JP	2000513880 T	17-10-2000
US 4144485	Α	13-03-1979	JP	1026165 C	18-12-1980
			JP	51065318 A	05-06-1976
			JP	55018041 B	16-05-1980
EP 0394714	A	31-10-1990	DE	3912034 C1	25-10-1990
			ĀT	155288 T	15-07-1997
			DE	69031008 D1	14-08-1997
			DE	69031008 T2	08-01-1998
			EP	0394714 A2	31-10-1990
US 4876535	Α	24-10-1989	DE	3630456 A1	 17-03-1988
	- •		AT	91186 T	15-07-1993
			CA	1294043 C	
			DE	3786379 D1	07-01-1992 05-08-1993
			EP	0260221 A2	
			JP	63067696 A	16-03-1988 26-03-1988
US 6319031	 D1	20 11 0001			
02 0313031	B1	20-11-2001	US	6048218 A	11-04-2000
			US	5967817 A	19-10-1999
			US	6234816 B1	22-05-2001
			US	6244882 B1	12-06-2001
			AU	1121597 A	11-06-1997
			CA	2238340 A1	29-05-1997
			DE	69606550 D1	09-03-2000
			DE	69606550 T2	14-09-2000
			EP	0862800 A1	09-09-1998
			JP	2000500611 T	18-01-2000
			NO	982283 A	24-06-1998
			WO	9719494 A1	29-05-1997
EP 1077511	Α	21-02-2001	JP	3077696 B2	14-08-2000
		-	JР	2001057272 A	27-02-2001
			ĒΡ	1077511 A2	21-02-2001
			ŪS		
			US	6296508 B1	02-10-200

INTERNATIONAL SEARCH REPURT

Information on patent family members

International Application No T/EP2004/051400

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
DE 19621003	Α	27-11-1997	DE	19621003 A1	27-11-1997
US 5626491	A	06-05-1997	JP WO	11512218 T 9707572 A1	19-10-1999 27-02-1997